

FACILITATING THE GROWING INDUSTRIAL AUTOMATION INDUSTRY

ABSTRACT

Robotics installations saw a significant increase in 2021 with 31% more robotic systems installed and a 2016-2021 CAGR of 11%.¹ Demand for autonomous solutions is expected to continue its upward trajectory with a +7% p.a. through 2025 forcing manufacturing facilities to turn towards automation to remain competitive.² The continued effort to achieve industry 4.0 and IIOT will greatly benefit from the boom in automation. This paper will provide oversight into the factors facilitating this continued growth and discuss strategic decisions that will aid the Department of Defense in rapidly adapting to technological advances in industrial automation.

REFERENCES

1. Teulieres, Marc, et al. Industrial Robotics: Insights into the Sector's Future Growth Dynamics., *McKinsey & Company*, 2019.
2. Guerra-Zubiaga, David, et al. An Approach to Develop a Digital Twin for Industry 4.0 Systems: Manufacturing Automation Case Studies, *International Journal of Computer Integrated Manufacturing*, 2019, 34.